

Synergy™ V

Model RT-U60C/RT-U62CP



Synergy™ V RT-U60C / RT-U62CP	
1. Introduction You Synergy™ V Universal / DVR remote control is simple to program, easy to use, and can operate up to five (5) electronic devices, which include: CABLE Cable set-top terminals TV Televisions VCR VCR DVD DVD AUDIO Audio receivers, amplifiers, CD players Before you can use your remote control, it must be programmed (set-up) to operate the above devices.	
2. Before Getting Started Some of the special features and buttons on your remote control are as follows: Point and Press® Programming Lets you program your TV, VCR, DVD, DVD, AUDIO devices without using codes. For more information, see sections 5 and 14. [ALL] SmartKey® Turns your CABLE set-top terminal and TV on / off with one button press. [ALL] can also be programmed to turn on / off additional electronic devices, or automatically set your correct TV output channel. For more information, see section 9. [MODE] Indicates which mode (i.e. CBL, TV, VCR, DVD, AUDIO) the remote is currently operating in by illuminating the power button. To change to a different mode, press [MODE], then the power button for the electronic device you wish to operate. For more information, see Section 15. Memory Guard® Eliminates reprogramming after battery changes.	
3. Installing / Replacing Batteries Install two (2) new AA Alkaline batteries. Properly match the "+" / "-" ends of the batteries with the diagram in the battery compartment.	

Synergy™ V RT-U60C / RT-U62CP	
Amtek 023 215	
Amstrad 157	
Anam 217 218 219 220 221	
222 223	
AOC 053	
Apex 030 038	
Audiovox 220	
Belcor 073	
Bell & Howell 211	
Brokwood 165 167	
Brokwood 073	
Candle 068 091	
Centurion 095 107 108	
Citizen 068 091 211 233	
Concast 073 095	
Contec 147	
Coronado 024 025	
Craig 223	
Crown 026	
Curtis Mathes 018 054 107 108 211	
213	
Daewoo 061 068 073 095 158	
159 189 191 194 195	
Dayton 197 198 200 202 204	
Dunont 205 206 207 209	
073 095 107 108	
Electro Home 073 095	
Elektra 353	
Emerson 016 023 053 064 103	
139 158 159 164 165	
166 167 189 189 392	
400 401 402 408 415	
073 095	
Envision 355 356	
Fisher 047	
Funai 045	
GE 018 018 042 044 049	
095 101 102 103 380	
390 399 403 406 407	
023 048 053 068 073	

8

Synergy™ V RT-U60C / RT-U62CP	
Harman Kardon 315	
JVC 297	
Kenwood 131 176 274 289 299	
Kioli 308	
LG (Goldstar) 176	
Magnavox (Philips) 037 084 119 295	
Mission 137	
Mitsubishi 245 249	
NAD 182 231 290	
Nakamichi 254 319	
NEC 235	
NSM 176	
Onkyo 300	
Panasonic 164 266	
Philips (Magnavox) 037 084 119 295	
Pioneer 116 127	
Quasar 184	
Radio Shack 186 190 266 279 289	
RCA 295	
Sanyo 230 309	
SAE 176	
Scott 186	
Sharp 268 289	
Sony 087 292 293	
Soundesign 148 242 311 320	
STS 318	
Sylvania 084	
Teac 186	
Technics 184 208 317	
Toshiba 290	
Yamaha 280	
Receiver / Amplifier	
Adcom 325	
Alwa 301	
Akal 142	
Bose 302	
Carver 155 180	
Denon 282 307	

15

Synergy™ V RT-U60C / RT-U62CP	
14. Additional Programming Information Troubleshooting - Terms Additional Programming Information 1. The power / mode buttons will illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...) while the remote is in a programming mode. In the absence of a keypress entry, the power / mode buttons will stop illuminating after 45 seconds and the remote will exit the programming mode. 2. When programming the remote control using the [CH +] or [CH -] buttons (Power function) in the Point and Press® Programming method, you may find a code that turns a device off but not back on. It this happens... OR a. The correct code has not been found as you may have a code that operates some but not all of the functions of your device. Continue pressing [CH +] until you device turn on. b. You may have gone past the correct matching code. Try pressing [CH -] one press at a time until you find a code that turns your device back on. 3. When using the Point and Press® Programming method, you can also program your remote using buttons other than the [CH +] or [CH -] as described in Section 5 as follows: a. [VOL +] - to "go forward" through the codes using the "VOL +" function on your device. b. [VOL -] - to "go back" through the codes using the "VOL -" function on your device. Note : When you find the correct code, the volume of the device being programmed will increase or decrease. c. [▲] - to "go forward" through the codes using the "CH +" function on your device. d. [▼] - to "go back" through the codes using the "CH -" function on your device.	

22

Synergy™ V RT-U60C / RT-U62CP	
function on your devices. Note : When you find the correct code, the channel of the device being programmed will increase or decrease. e. [▶▶] - to "go forward" through the codes using the "Fast Forward" function on your device. f. [◀◀] - to "go back" through the codes using the "Rewind" function on your device. Note : When you find the correct code, the fast-forward or rewind function of the device being programmed will be performed. To simplify programming using these buttons, insert a VHS tape or DVD in the device being programmed. You can also program your remote using the other available functions as follows: a. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...). b. In this order, carefully press [0], [0], [0], [CH+] and [VOL-]. The power / mode buttons will illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...). c. You can now program your remote using the [CH+], [CH -], [VOL-], [VOL -], [▲], [▼], [FFWD], [REW], [PLAY], [STOP], [REC], [PAUSE], [LAST], [F.W], [0] - [9] buttons. When you find the correct code, the function associated with the selected button will be performed. 4. Your remote is equipped with a Point and Press® Programming label on the back of its case. This will help you quickly program the remote without using codes. Troubleshooting / Tips 1. If the same button is pressed and held for 45 seconds, your remote control will turn itself off automatically. This extends the battery life should the remote become lodged under or between heavy objects, for example sofa cushions.	

23

Synergy™ V RT-U60C / RT-U62CP	
When the batteries become low and need to be replaced, the [CBL], [TV], [VCR], [DVD], [AUDIO] buttons will not illuminate normally, or at all during use. When this happens, replace the existing batteries with two (2) new AA Alkaline batteries to restore normal operation to the remote control. 4. Programming Your Cable Set-Top Terminal Your remote control is pre-programmed to operate the Scientific Atlanta Explorer® 8000 digital set-top terminal. To operate a different cable set-top terminal, look up the brand and model in the Cable Setup Code list and follow these steps : 1. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUDIO → CBL). 2. From the Cable Setup Code list, locate the 3-digit code for your brand / model and enter it on the keypad of the remote control. The set-top terminal will turn off. 3. Then, press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out.	
Cable Setup Codes	
Motorola	
DCT, CFT2000 001	
CFT2100, CFT2000 002	
Jenvid	
DL4, DP(V), DQNV, DPBB 003	
Scientific Atlanta	
Explorer® 8000 (SARA - RT-U58C) 412	
Explorer® 8000 (Passport- RT-U61CP) 413	
Explorer® 8600X 005	
8600 005	
Pace	
510 Digital 004	

3

Synergy™ V RT-U60C / RT-U62CP	
Philips(Magnavox)	
023 068 071 073 069	
090 091 093 134 385	
387 397 404	
073 094 233	
111 144 393	
023 068	
055 070	
090 371 372	
044	
Radio Shack 073	
Realistic 022 166 168	
RCA 042 052 053 054 055	
069 070 416	
Sampo 090 108	
Samsung 015 016 017 023 031	
090 107 108 134 147	
151 153 386 411	
423	
Sansui 353 355 356 376 377	
Sanyo 090 091 093 134 385	
Scott 023 031 038 039 068	
Seas 353 355 356	
Sharp 016 022 023 024 025	
026 027 028 029 393	
395 409	
Signature 2000 023 026 109 211 213	
Sony 014 020 021	
Soundesign 061	
Squareview 157	
Supra-Macy 380	
Sylvania 068 071 072 090 091	
093 107 108 157 158	
419	
Symphonic 047 157	
Taiyang 044	
Tachwood 068	
Technika 023 068 072 091 168	
213	
Teleart 023 213	

10

Synergy™ V RT-U60C / RT-U62CP	
8. Code Number Read-Back To identify the 3-digit setup codes stored under the Point and Press® programming method, follow these steps : 1. Press [TV], then [SELECT] together until the [TV] button illuminates. 2. Press [INFO], The [TV] button will "blink back" the code numbers, with a 1 second interval between each digit of the code. Example : For code "035", the remote will blink 10 times, then 3 times, then 5 times. To identify the 3-digit VCR code, press [VCR], then [SELECT] in step 1, then press [INFO]. To identify the 3-digit DVD code, press [DVD], then [SELECT] in step 1, then press [INFO]. To identify the 3-digit AUDIO code, press [AUDIO], then [SELECT] in step 1, then press [INFO]. 9. All SmartKey® Once you have programmed the remote to operate your electronic devices, you can press the [ALL] SmartKey® to turn your Cable set-top terminal and TV on / off with one button press. You can also program the [ALL] button to turn on / off additional electronic devices and / or tune your TV to its correct output channel. Programming the [ALL] SmartKey® 1. Press [ALL], then [SETTINGS] together until the [CBL] button illuminates. 2. Enter one of the following options on the keypad of the remote : [0] - Turns on / off CBL + TV (default setting) [1] - Turns on / off CBL + TV and tunes TV to output Channel 3. [2] - Turns on / off CBL + TV and tunes TV to output	

17

Synergy™ V RT-U60C / RT-U62CP	
2. If you have a TV that's operated by remote control, it is recommended that you plug it directly into a wall outlet instead of the cable set-top terminal. 3. If you have any questions concerning the brand, model or operation of your cable set-top terminal, contact your cable operator. Frequently Used Terms AUDIO Devices - Audio receivers, amplifiers, CD players that you can program your remote to operate. DVR - Digital Video Recorder. Default Setting - How your remote is set when you receive it from your cable operator. Electronic Components / Devices - The various electronics device the remote is designed. These include cable set-top terminals, TVs, VCRs, DVDs, audio-video receivers, amplifiers and CD players. Fast Rotation - The power / mode buttons will illuminate in a fast sequence (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...) repeated every 1/3 second. Fast rotation occurs when the remote is receiving keypresses to program it to your electronic devices. Mode - The device the remote is set to operate (ex. Cable, TV, VCR, DVD, Audio) PIP - Picture-in-picture functionality through your Cable set-top terminal. Program (Setup) - The process of teaching your remote control to operate your electronic devices. Slow Rotation - The power / mode buttons illuminate in a slow sequence (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...) repeated every 1 second. Slow-rotation illumination occurs when the remote is in the programming mode, waiting for the next entry on the keypad of the remote. TV Output Channel - The channel your TV needs to be set on for proper Cable reception (most often TV channel 3, but may	

24

Synergy™ V RT-U60C / RT-U62CP	
HD Digital 010	
Pioneer	
Voyager® BA-V1000, BA-V2000 004	
007	
Tecum	
5503VP, 5507, 5508 008	
Zenith	
MM2500 009	
Digital 013	

4

Synergy™ V RT-U60C / RT-U62CP	
Teria 381	
Tevion 065 414	
TMK 066 090	
Toshiba 030 031 038 039	
Totetvision 233	
Universal 066 102	
Videch 068	
Wards 068 090	
White Westinghouse 211 408	
XR-1000 213	
Yamaha 068	
York 060 108	
Zenith 047 048 049 050 051	
381 405 406	
VCR Setup Codes	
BRAND	CODE
Admiral 066 075	
Alwa 132	
Akal 269 275 336 351 352	
354	
Audio Dynamics 243 291	
Bell & Howell 357	
Brokwood 333 337 358 359	
Canon 086 362	
Citizen 033 172 247 331	
Colorlyme 291	
Craig 172 363	
Curtis Mathes 066 112 247 291	
Daewoo 033 343 344 345 346	
347	
Dayton 345 365	
DBX 243 291	
Dynatech 132	
Emeison 033 085 132 326 327	
331 332 333 334 335	
336 337 338 339 340	
341 342	
035 081 357 393	
Fisher 132	
Funai 132	

11

Synergy™ V RT-U60C / RT-U62CP	
Channel 2. [3] - Turns on / off CBL + TV and tunes TV to output Channel 4. [10] - Turns on / off CBL + TV + VCR + DVD [4] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 3. [5] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 4. [6] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 4. [11] - Turns on / off CBL + TV + VCR + DVD + AUDIO [7] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 3. [8] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 2. [9] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 4. [12] - Turns on / off CBL + TV + AUDIO [13] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 3 [14] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 2 [15] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 4 3. As soon as you select an option, the [CBL] button will blink 3-times and go out. Using the [ALL] SmartKey® When pressing the [ALL] SmartKey® be sure to keep the remote control aimed at your electronic devices until your electronic devices turn on / off. Whenever the [ALL] SmartKey® is pressed, the mode of the remote control will automatically switch back to Cable.	
10. Volume Control	
When you first program your remote, volume / mute are controlled through your TV (except AUDIO which defaults to the AUDIO device). The volume control options in each	

18

Synergy™ V RT-U60C / RT-U62CP	
be TV channel 2 or 4. If you have any questions concerning your TV output channel, contact your cable operator. Or, with your cable set-top terminal turned on, try setting your TV to channel 2, 3 or 4 to obtain a clear picture. Transport Functions - These are the [STOP], [PLAY], [FWD], [REW], [PAUSE] and [REC] buttons. In the remote control's Cable mode, these buttons operate your Cable set-top features. In the remote control's VIDEO mode, these operate your VCR or DVD functions. VIDEO Devices - VCR or DVD players.	

25

Synergy™ V RT-U60C / RT-U62CP	
5. To program your DVD refer to the VCR / DVD Setup Code lists and repeat steps 2 and 3 above 6. To program your AUDIO equipment, refer to the AUDIO Setup Code list and repeat steps 2 and 3 above. Point and Press® Programming This method allows you to program the remote control without using codes. Instead, the remote control automatically finds the correct command that you select in a variety of codes until you find the code that operates your device. You then lock in the correct code as described below. The following instructions describe how to program your remote control using the [CH +] or [CH -] buttons ("Power" function during programming). You may also program your remote control using other buttons / functions as described in Section 14. When using this method, there are several important points to remember : • The order in which you program your electronic devices is not important. • There may be several codes that turn your electronic devices on / off (or perform other functions). Once you lock in a code, be sure to check the available functions for that device (i.e. TV, Vol +/-, Mute, TV Input (Video Source button), VCR - Play, Stop, DVD - Play, Stop, AUDIO - Vol +/-, Mute) to see if they are operating. • While the remote is searching for the correct setup code(s) for your electronic devices, it is possible that other (previously programmed) devices may turn on / off (or perform other functions). If this occurs, continue pressing the [CH +] or [CH -] buttons (or the buttons described in Section 14) until you find the correct code for the device you are programming. • It may take several minutes for the remote to find the correct code that turns your device off (or performs another selected function). During this time, the power / mode buttons will illuminate in fast-rotation (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...). Programming your electronic devices using the [CH +] or [CH -] buttons ("Power" function during programming). 1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO)	

5

Synergy™ V RT-U60C / RT-U62CP	
GE 066 172 174	
Go Video 248 349 350	
Goldstar (LG) 247 331	
Harman Kardon 291	
Hitachi 078 132	
Instant Replay 066	
JC Penney 078 066 172 238 291	
JCL 066	
JVC 120 128 243 247 250	
253	
Kenwood 120 132 238 243 247	
LG (Goldstar) 247 331	
Lloyd 132	
Logik 367	
LXI 132 331	
Magnavox (Philips) 066 132 183	
Marantz 066 172 183 238 247	
291	
Malta 331	
Matsui 398	
Memorex 132 238 331 363 369	
370	
Mitsubishi 255 258	
MTC 132 172	
Montgomery Ward 066 170 173 373	
Multi Tech 132 172 367	
NEC 120 238 243 291 374	
375	
Orion 322 326 327 328 329	
330	
Panasonic 112 117	
Pentax 078	
Philco 096 132 183	
Philips (Magnavox) 066 132 183	
Pioneer 078 120 253	
Portland 345	
ProScan 170 174	
Quartz 238 376	
Quassar 112	
RCA 078 132 141 170 172	
173 174	

12

Synergy™ V RT-U60C / RT-U62CP	
mode of the remote are : CBL TV (default), Cable or Audio TV Cable (default), Cable or Audio VCR TV (default), Cable or Audio DVD TV (default), Cable or Audio AUDIO AUDIO device (default), Cable or TV. To control volume / mute through your Cable set-top terminal in the remote's Cable mode... 1. Press [CBL], then [SELECT] together until the [CBL] button illuminates. 2. Press [VOL -], then [CBL] for Cable volume. The [CBL] button will blink 3-times and go out. To return volume control to your TV, repeat step 1, then press [VOL +], then [TV] in step 2. 11. Channel Memory Buttons - [M1] [M2] [M3] [M4] [M5] Your remote has 4 Channel Memory Buttons - [MUSIC], [MOD] (Movies-On-Demand), [NEWS], [HELP] (may be labeled differently on some models). Each of these buttons can store up to 5 cable channels. Each cable channel can be up to 5-digits. Some or all of your remote's Channel Memory Buttons may come pre-tuned to channels or functions selected by your cable operator. If they have not been pre-tuned by your cable operator, they can be programmed as follows: Programming Channel Memory Buttons For example, to program the [MOD] button to cable channels 1, 12, 123, 1234, 17, follow these steps: 1. Press [MOD], then [CBL] together until the [CBL] button illuminates. 2. Enter each channel as follows (ex. assumes 4-digit channel format) : a. Enter 1" channel # - 0001. b. Press [CH +] to advance to next channel # setting.	

19</